

SEQUENCE LISTING

<110> Toshihiro NAKAJIMA
Tetsuya AMANO
Lei ZHANG
Rie IKEDA
Satoshi YAMASAKI
Naoko YAGISHITA

<120> Method of inhibiting secretase activity

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<140> 10/576,281

<141> April 19, 2006

<150> PCT/JP2004/015950

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<150> JP2003-359704

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<170> PatentIn version 3.4

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Ile Asn Ala Lys Val Ala Glu Ser Thr Glu Glu Pro Ala Gly Ser Asn
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Arg Gly Gln Tyr Pro Glu Asp Ser Ser Ser Asp Gly Leu Arg Gln Arg
 115 120 125

Glu Val Leu Arg Asn Leu Ser Ser Pro Gly Trp Glu Asn Ile Ser Arg
 130 135 140

Pro Glu Ala Ala Gln Gln Ala Phe Gln Gly Leu Gly Pro Gly Phe Ser
 145 150 155 160

Gly Tyr Thr Pro Tyr Gly Trp Leu Gln Leu Ser Trp Phe Gln Gln Ile
 165 170 175

Tyr Ala Arg Gln Tyr Tyr Met Gln Tyr Leu Ala Ala Thr Ala Ala Ser
 180 185 190

Gly Ala Phe Val Pro Pro Pro Ser Ala Gln Glu Ile Pro Val Val Ser
 195 200 205

Ala Pro Ala Pro Ala Pro Ile His Asn Gln Phe Pro Ala Glu Asn Gln
210 215 220

Pro Ala Asn Gln Asn Ala Ala Pro Gln Val Val Val Asn Pro Gly Ala
225 230 235 240

Asn Gln Asn Leu Arg Met Asn Ala Gln Gly Gly Pro Ile Val Glu Glu
245 250 255

Asp Asp Glu Ile Asn Arg Asp Trp Leu Asp Trp Thr Tyr Ser Ala Ala
260 265 270

Thr Phe Ser Val Phe Leu Ser Ile Leu Tyr Phe Tyr Ser Ser Leu Ser
275 280 285

Arg Phe Leu Met Val Met Gly Ala Thr Val Val Met Tyr Leu His His
290 295 300

Val Gly Trp Phe Pro Phe Arg Pro Arg Pro Val Gln Asn Phe Pro Asn
305 310 315 320

Asp Gly Pro Pro Pro Asp Val Val Asn Gln Asp Pro Asn Asn Asn Leu
325 330 335

Gln Glu Gly Thr Asp Pro Glu Thr Glu Asp Pro Asn His Leu Pro Pro
340 345 350

Asp Arg Asp Val Leu Asp Gly Glu Gln Thr Ser Pro Ser Phe Met Ser
355 360 365

Thr Ala Trp Leu Val Phe Lys Thr Phe Phe Ala Ser Leu Leu Pro Glu
370 375 380

Gly Pro Pro Ala Ile Ala Asn
385 390

<210> 19
<211> 40
<212> PRT
<213> Homo sapiens

<400> 19

Gly Tyr Thr Pro Tyr Gly Trp Leu Gln Leu Ser Trp Phe Gln Gln Ile
1 5 10 15

Tyr Ala Arg Gln Tyr Tyr Met Gln Tyr Leu Ala Ala Thr Ala Ala Ser
20 25 30

Gly Ala Phe Val Pro Pro Pro Ser
35 40

<210> 20
<211> 14
<212> PRT
<213> Homo sapiens

<400> 20

Leu Lys Ala His Leu Ser Arg Val Tyr Pro Glu Arg Pro Arg
1 5 10

<210> 21
<211> 14
<212> PRT
<213> Artificial

<220>
<223> Secretase inhibitor

<220>
<221> MISC_FEATURE
<222> (10)..(10)
<223> Xaa represents (3S,4S)-Statine.

<400> 21

Lys Thr Glu Glu Ile Ser Glu Val Asn Xaa Val Ala Glu Phe
1 5 10